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| PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875                                                                                                                                                                                                                                                                       |                                                                 |                                           |                                     |                                                     |                                                                                                |  | Application or Docket Number 10/083,169 |                                            |                     | ing Date<br>26/2002          | To be Mailed           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------|-------------------------------------|-----------------------------------------------------|------------------------------------------------------------------------------------------------|--|-----------------------------------------|--------------------------------------------|---------------------|------------------------------|------------------------|
|                                                                                                                                                                                                                                                                                                                                               | Al                                                              | PPLICATION A                              | AS FILE<br>(Column 1                |                                                     | OTHER THAN SMALL ENTITY OR SMALL ENTITY                                                        |  |                                         |                                            |                     |                              |                        |
|                                                                                                                                                                                                                                                                                                                                               | FOR                                                             | NU                                        | NUMBER FILED                        |                                                     | NUMBER EXTRA                                                                                   |  | RATE (\$)                               | FEE (\$)                                   |                     | RATE (\$)                    | FEE (\$)               |
|                                                                                                                                                                                                                                                                                                                                               | BASIC FEE<br>(37 CFR 1.16(a), (b),                              | or (c))                                   | N/A                                 |                                                     | N/A                                                                                            |  | N/A                                     |                                            |                     | N/A                          |                        |
|                                                                                                                                                                                                                                                                                                                                               | SEARCH FEE<br>(37 CFR 1.16(k), (i), (                           | or (m))                                   | N/A                                 |                                                     | N/A                                                                                            |  | N/A                                     |                                            |                     | N/A                          |                        |
|                                                                                                                                                                                                                                                                                                                                               | EXAMINATION FE<br>(37 CFR 1.16(o), (p),                         |                                           | N/A                                 |                                                     | N/A                                                                                            |  | N/A                                     |                                            |                     | N/A                          |                        |
|                                                                                                                                                                                                                                                                                                                                               | TAL CLAIMS<br>CFR 1.16(i))                                      |                                           | minus 20 =                          |                                                     | *                                                                                              |  | x \$ =                                  |                                            | OR                  | x \$ =                       |                        |
|                                                                                                                                                                                                                                                                                                                                               | EPENDENT CLAIM<br>CFR 1.16(h))                                  | IS                                        | minus 3 =                           |                                                     | *                                                                                              |  | x \$ =                                  |                                            |                     | x \$ =                       |                        |
|                                                                                                                                                                                                                                                                                                                                               | APPLICATION SIZE<br>37 CFR 1.16(s))                             | sheet<br>is \$25<br>additi                | s of pape<br>50 (\$125<br>onal 50 s | er, the applica<br>for small enti<br>sheets or frac | wings exceed 100<br>ation size fee due<br>ty) for each<br>tion thereof. See<br>37 CFR 1.16(s). |  |                                         |                                            |                     |                              |                        |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))                                                                                                                                                                                                                                                                                             |                                                                 |                                           |                                     |                                                     |                                                                                                |  |                                         |                                            |                     |                              |                        |
| * If i                                                                                                                                                                                                                                                                                                                                        | he difference in col                                            | umn 1 is less than                        | r "0" in column                     |                                                     | TOTAL                                                                                          |  |                                         | TOTAL                                      |                     |                              |                        |
| APPLICATION AS AMENDED – PART II  (Column 1) (Column 2) (Column 3)  CLAIMS HIGHEST                                                                                                                                                                                                                                                            |                                                                 |                                           |                                     |                                                     |                                                                                                |  |                                         | OTHER THAN<br>SMALL ENTITY OR SMALL ENTITY |                     |                              |                        |
| AMENDMENT                                                                                                                                                                                                                                                                                                                                     | 04/06/2010                                                      | REMAINING<br>AFTER<br>AMENDMENT           |                                     | NUMBER<br>PREVIOUSL<br>PAID FOR                     | PRESENT<br>Y EXTRA                                                                             |  | RATE (\$)                               | ADDITIONAL<br>FEE (\$)                     |                     | RATE (\$)                    | ADDITIONAL<br>FEE (\$) |
|                                                                                                                                                                                                                                                                                                                                               | Total (37 CFR<br>1.16(i))                                       | * 32                                      | Minus                               | ** 37                                               | = 0                                                                                            |  | x \$ =                                  |                                            | OR                  | X \$52=                      | 0                      |
|                                                                                                                                                                                                                                                                                                                                               | Independent<br>(37 CFR 1.16(h))                                 | * 3                                       | Minus                               | ***3                                                | = 0                                                                                            |  | x \$ =                                  |                                            | OR                  | X \$220=                     | 0                      |
|                                                                                                                                                                                                                                                                                                                                               | Application Size Fee (37 CFR 1.16(s))                           |                                           |                                     |                                                     |                                                                                                |  |                                         |                                            |                     |                              |                        |
|                                                                                                                                                                                                                                                                                                                                               | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |                                           |                                     |                                                     |                                                                                                |  |                                         |                                            | OR                  |                              |                        |
|                                                                                                                                                                                                                                                                                                                                               |                                                                 |                                           |                                     |                                                     |                                                                                                |  | TOTAL<br>ADD'L<br>FEE                   |                                            | OR                  | TOTAL<br>ADD'L<br>FEE        | 0                      |
|                                                                                                                                                                                                                                                                                                                                               |                                                                 | (Column 1)                                |                                     | (Column 2)                                          | (Column 3)                                                                                     |  |                                         |                                            |                     |                              |                        |
| AMENDMENT                                                                                                                                                                                                                                                                                                                                     |                                                                 | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |                                     | HIGHEST<br>NUMBER<br>PREVIOUSL<br>PAID FOR          |                                                                                                |  | RATE (\$)                               | ADDITIONAL<br>FEE (\$)                     |                     | RATE (\$)                    | ADDITIONAL<br>FEE (\$) |
|                                                                                                                                                                                                                                                                                                                                               | Total (37 CFR<br>1.16(i))                                       | *                                         | Minus                               | **                                                  | =                                                                                              |  | x \$ =                                  |                                            | OR                  | x \$ =                       |                        |
|                                                                                                                                                                                                                                                                                                                                               | Independent<br>(37 CFR 1.16(h))                                 | *                                         | Minus                               | ***                                                 | =                                                                                              |  | x \$ =                                  |                                            | OR                  | x \$ =                       |                        |
|                                                                                                                                                                                                                                                                                                                                               | Application Size Fee (37 CFR 1.16(s))                           |                                           |                                     |                                                     |                                                                                                |  |                                         |                                            |                     |                              |                        |
|                                                                                                                                                                                                                                                                                                                                               | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |                                           |                                     |                                                     |                                                                                                |  |                                         |                                            | OR                  |                              |                        |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.                                                                                                                                                                                                                                                         |                                                                 |                                           |                                     |                                                     |                                                                                                |  |                                         | nstrument Ex                               | or<br><b>kami</b> n | TOTAL<br>ADD'L<br>FEE<br>er: |                        |
| ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". /SÄNDRA L. TUCKER SMITH/  *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".  The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. |                                                                 |                                           |                                     |                                                     |                                                                                                |  |                                         |                                            |                     |                              |                        |

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.